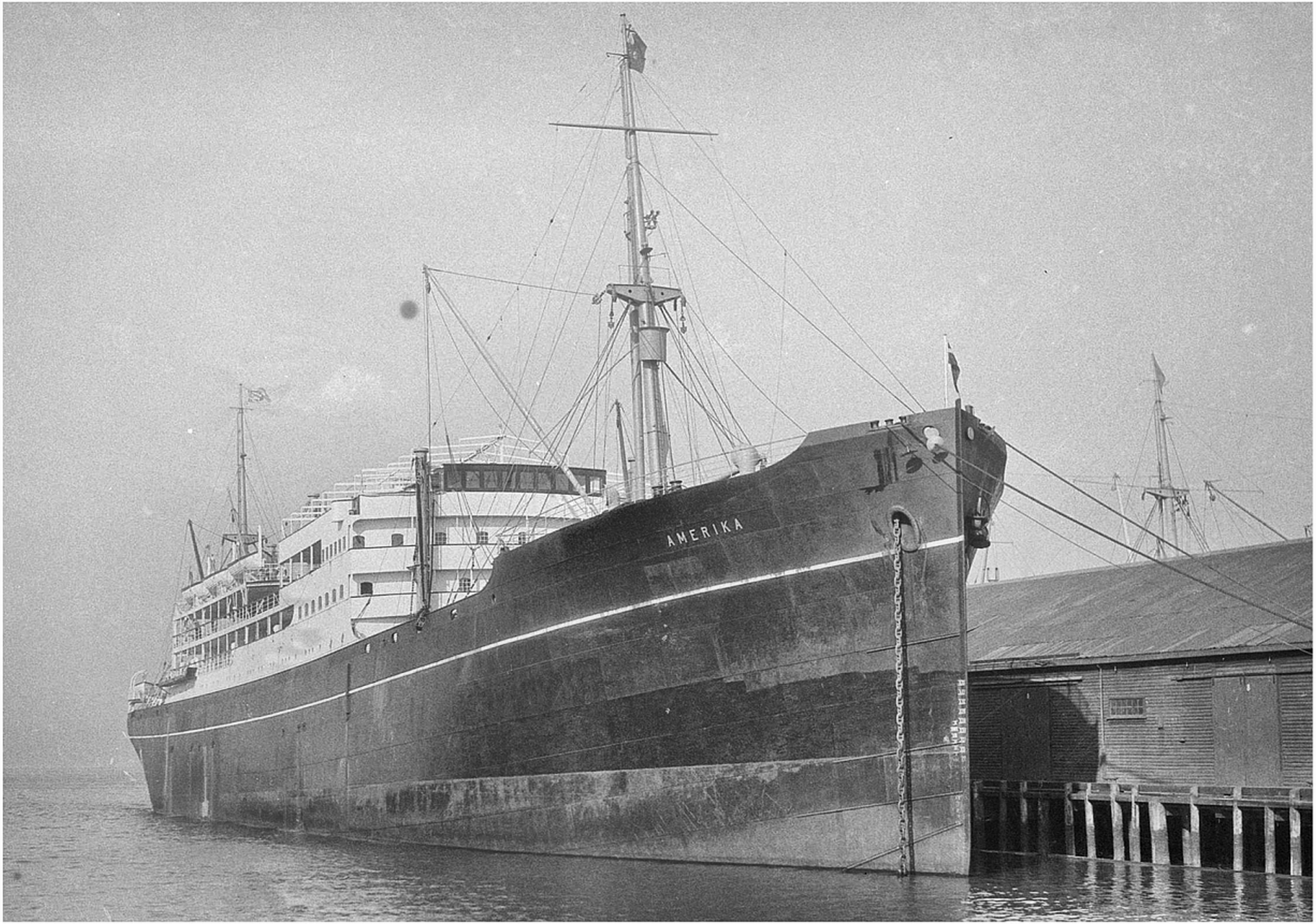
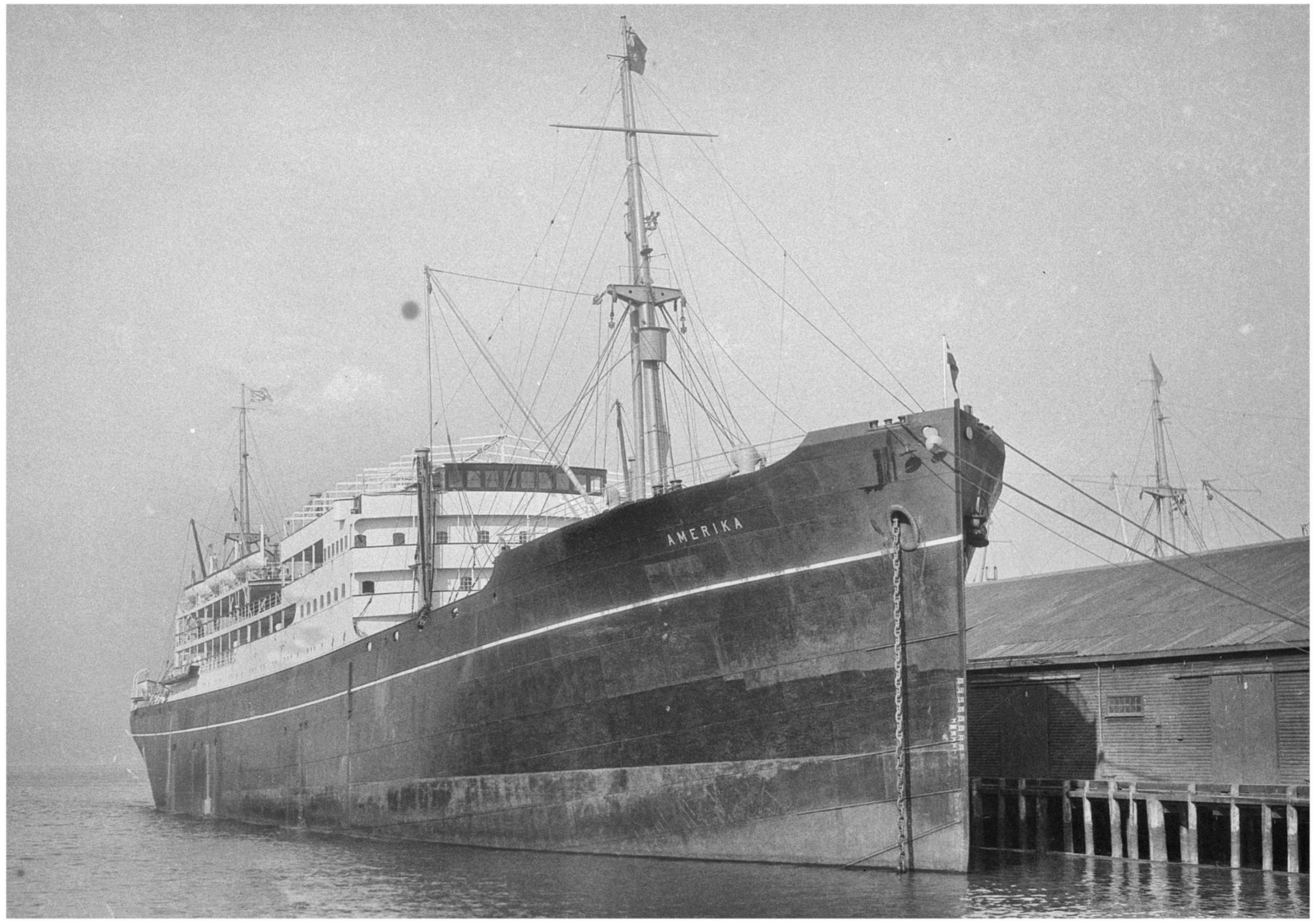
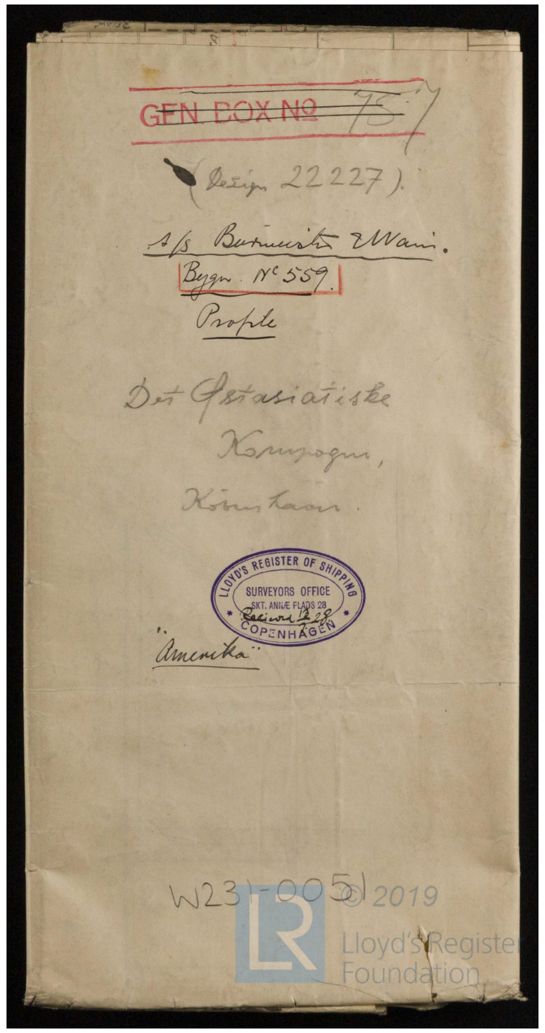

AMERIKA



00 - cover photo



~~GEN. BOX No~~ ~~75~~ 7

(Design 22227).

A/s Burmeister & Wain.

Bygn. No 559.

Profile

Det Østasiatiske
Kompagni,
København.

LLOYD'S REGISTER OF SHIPPING
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COPENHAGEN

"Amerika"

W231-00051

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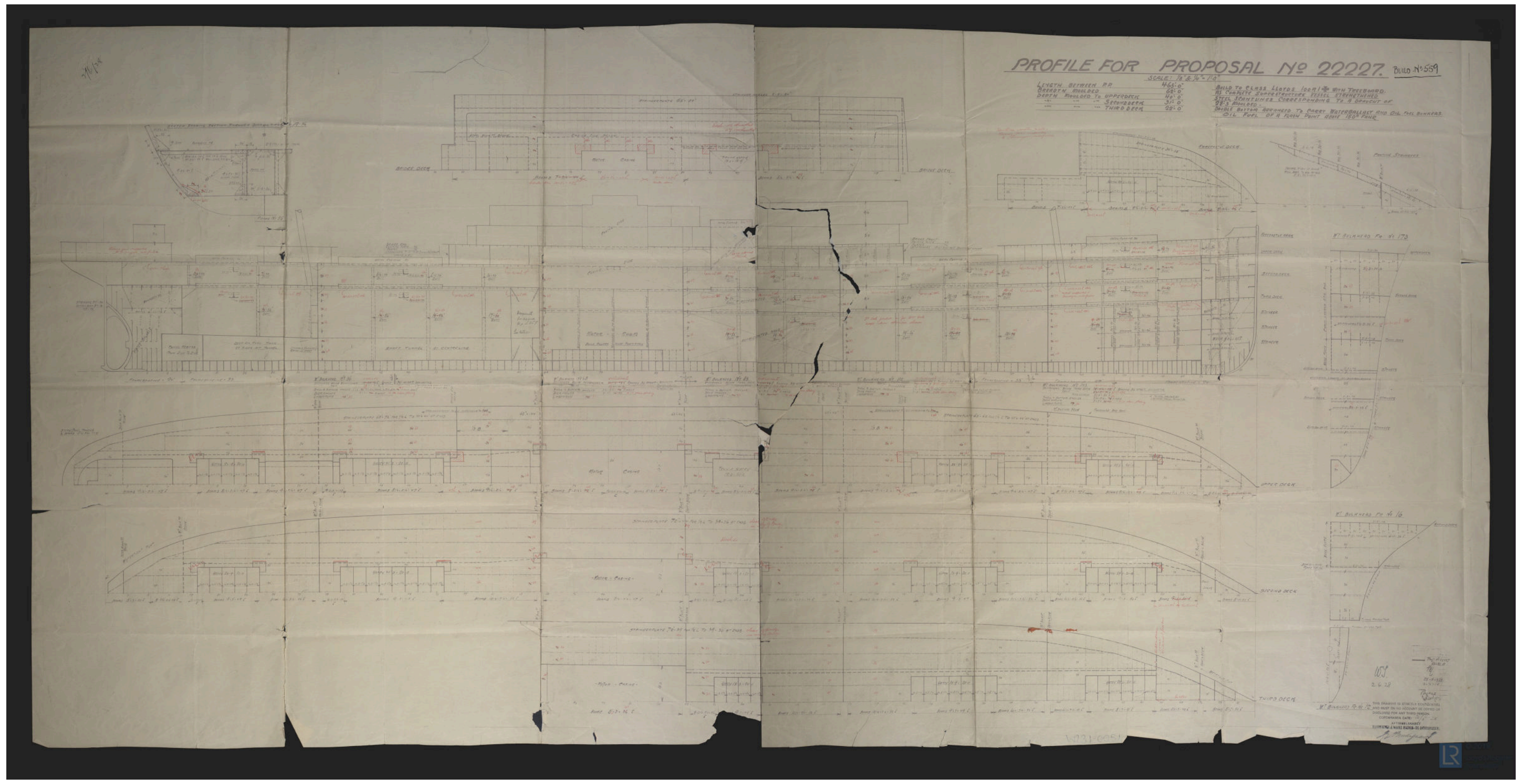
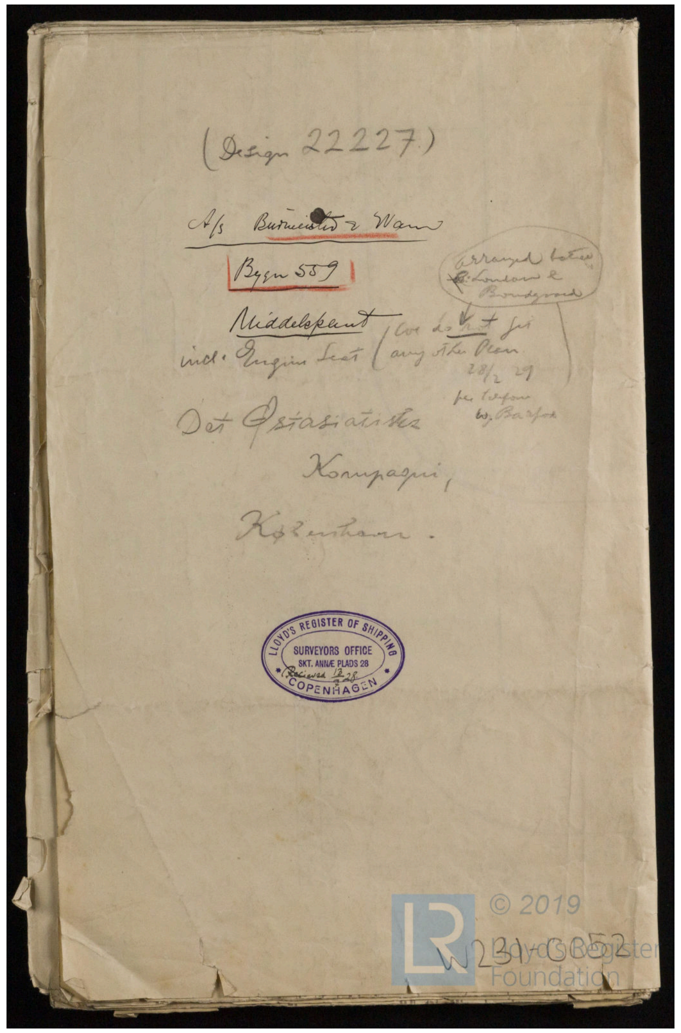
01 - cover sheet profile & deck plan


PROFILE FOR PROPOSAL No 22227.
BUILD No 559
SCALE: 1/8" & 1/16" = 1'-0"
LENGTH BETWEEN P.P. 465'-0"
BREADTH MOULDED 62'-0"
DEPTH MOULDED TO UPPERDECK 40'-0"
" " " SECONDDECK 31'-0"
" " " THIRDDECK 22'-0"
BUILD TO CLASS LLOYDS 100 A1 ✠ WITH FREEBOARD.
AS COMPLETE SUPERSTRUCTURE VESSEL STRENGTHENED
STEEL SCANTLINGS CORRESPONDING TO A DRAUGHT OF 28'3 MOULDED.
DOUBLE BOTTOM ARRANGED TO CARRY WATERBALLAST AND OIL FUEL BUNKERS
OIL FUEL OF A FLASH POINT ABOVE 150° FAHR.
FORECASTLE DECK
W.T. BULKHEAD FR. No 173

02 - profile & deck plan



(Design 22227)

A/s Burmeister & Wain

Bygn 559

Middelspant
incl. Engine Seat

(we do not get
any other Plan
28/2 29
per telefon
w. Barford

arranged between
~~R.~~ London &
Broadgrund

Det Østasiatiske
Kompagni,
København.

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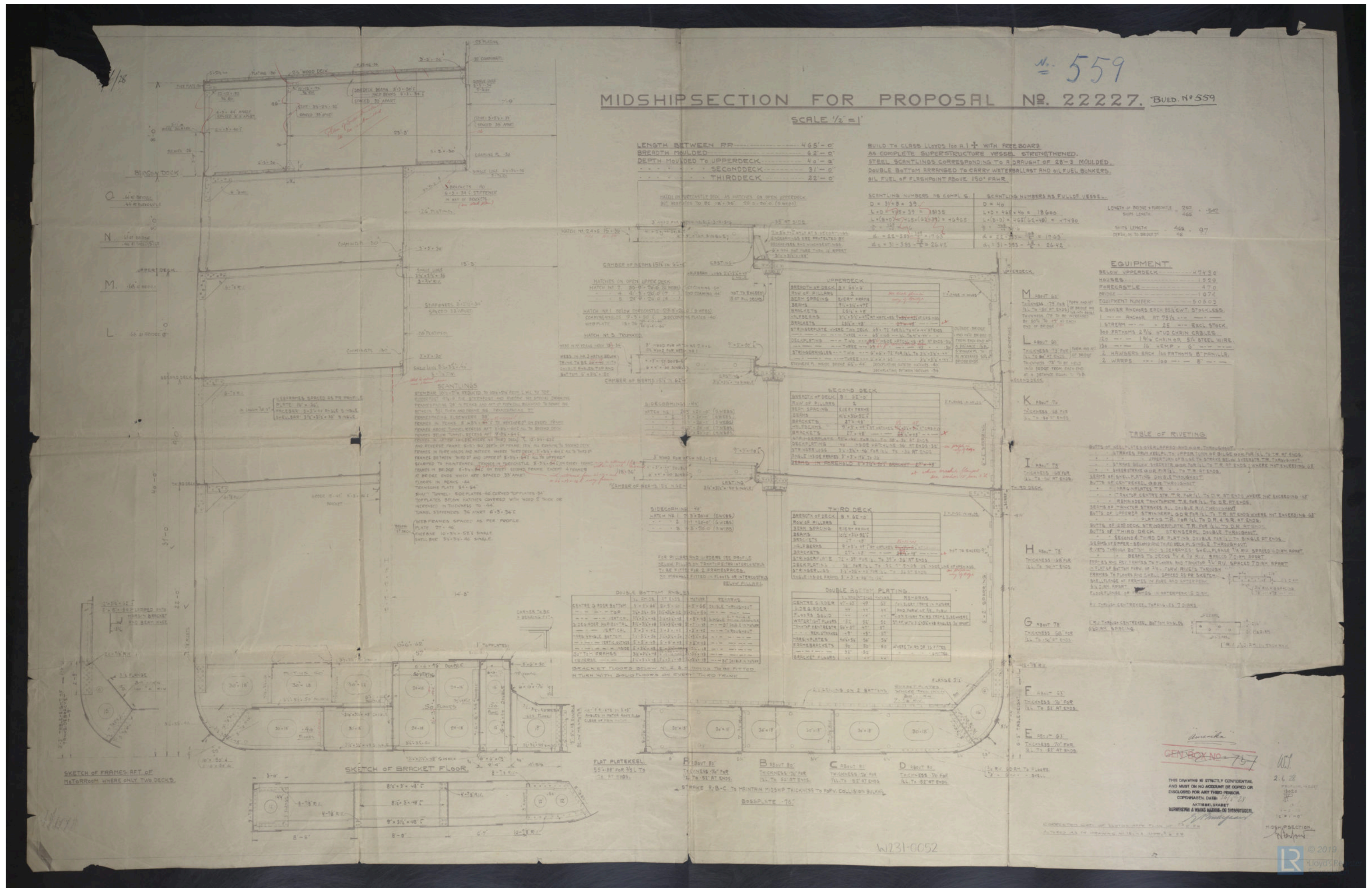
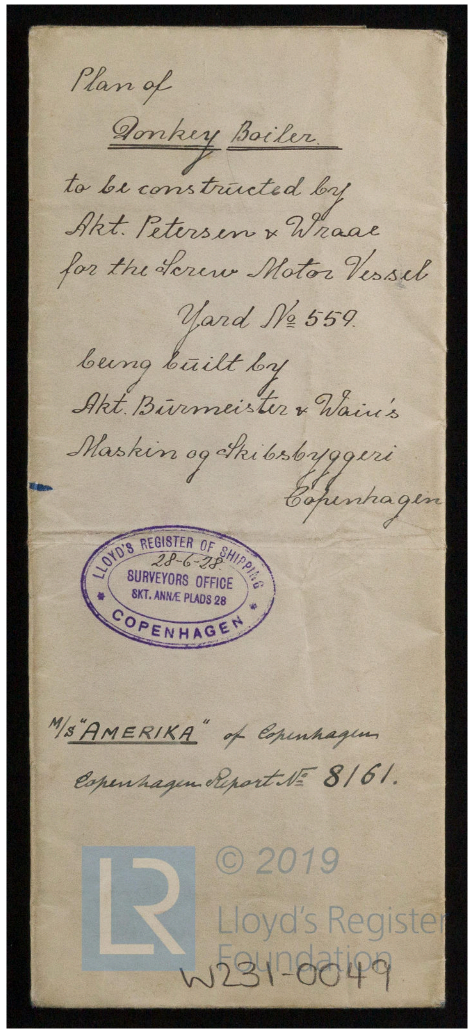
03 - cover sheet midship section


MIDSHIPSECTION FOR PROPOSAL Nº. 22227.
BUILD Nº 559
№ 559
SCALE ½" = 1'

04 - midship section



Plan of
Donkey Boiler
to be constructed by
Akt. Petersen & Wraae
for the Screw Motor Vessel
Yard № 559.
being built by
Akt. Burmeister & Wain's
Maskin og Skibsbyggeri
Copenhagen

LLOYD'S REGISTER OF SHIPPING
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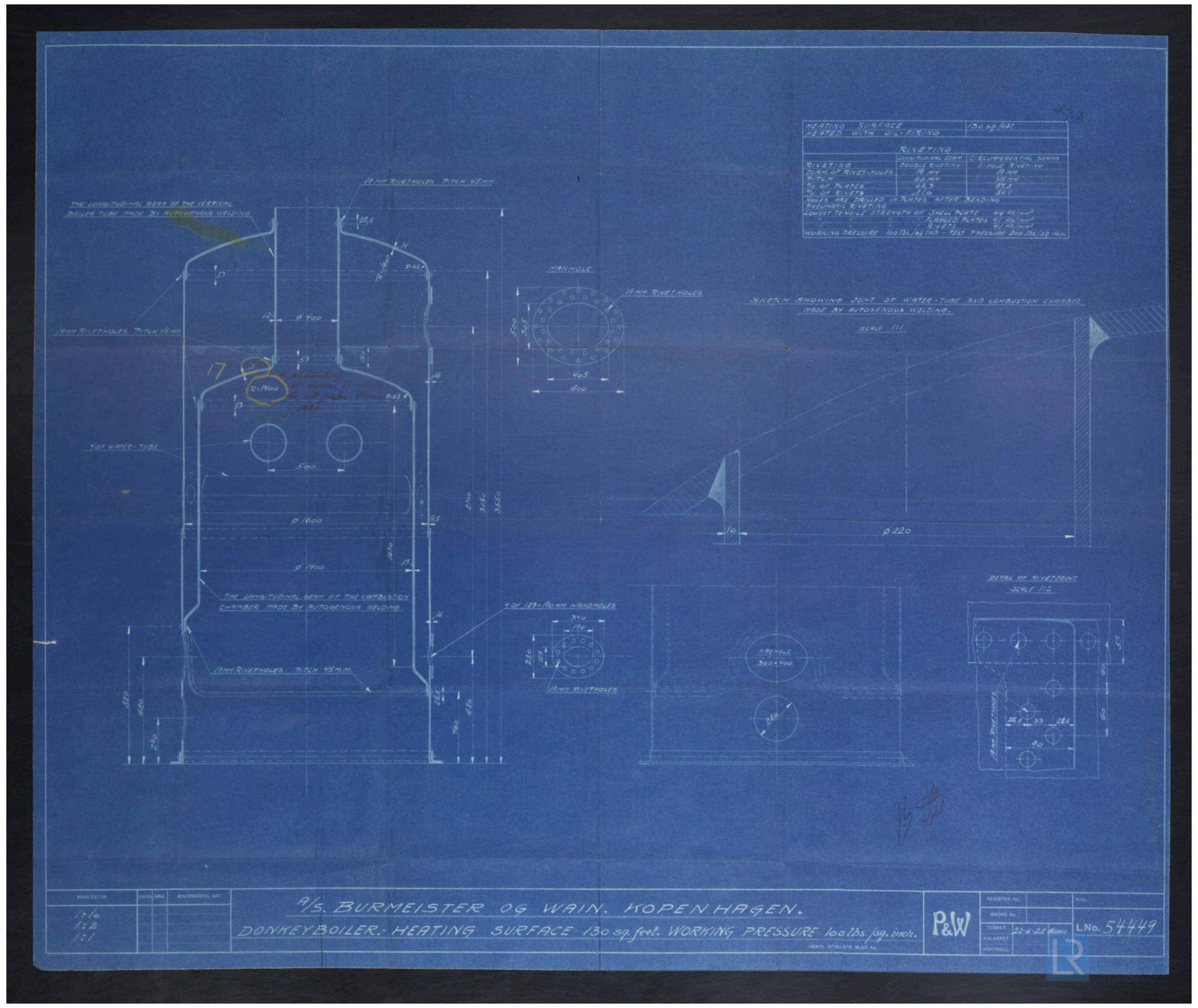
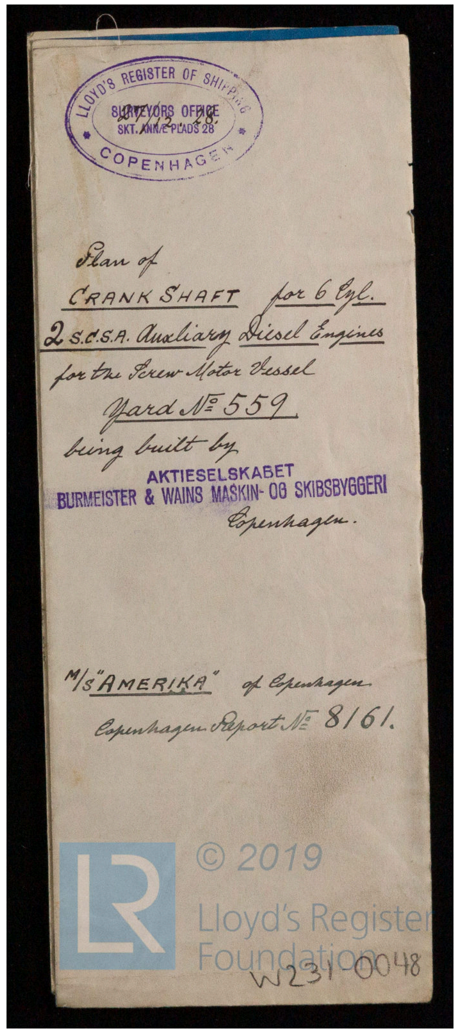
05 - cover sheet donkey boiler


A/S. BURMEISTER OG WAIN. KOPENHAGEN.
DONKEYBOILER.- HEATING SURFACE 130 sq. feet. WORKING PRESSURE 100 lbs./sq. inch.
1:10
1:2
1:1
B&W
22-6-28
L No. 54449

06 - donkey boiler



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27/12-28.
SURVEYORS OFFICE
SKT. ANNÆ PLADS 28
COPENHAGEN

Plan of
CRANK SHAFT for 6 Cyl.
2 S.C.S.A. Auxiliary Diesel Engines
for the Screw Motor Vessel
Yard № 559
being built by
AKTIESELSKABET
BURMEISTER & WAINS MASKIN- OG SKIBSBYGGERI
Copenhagen.

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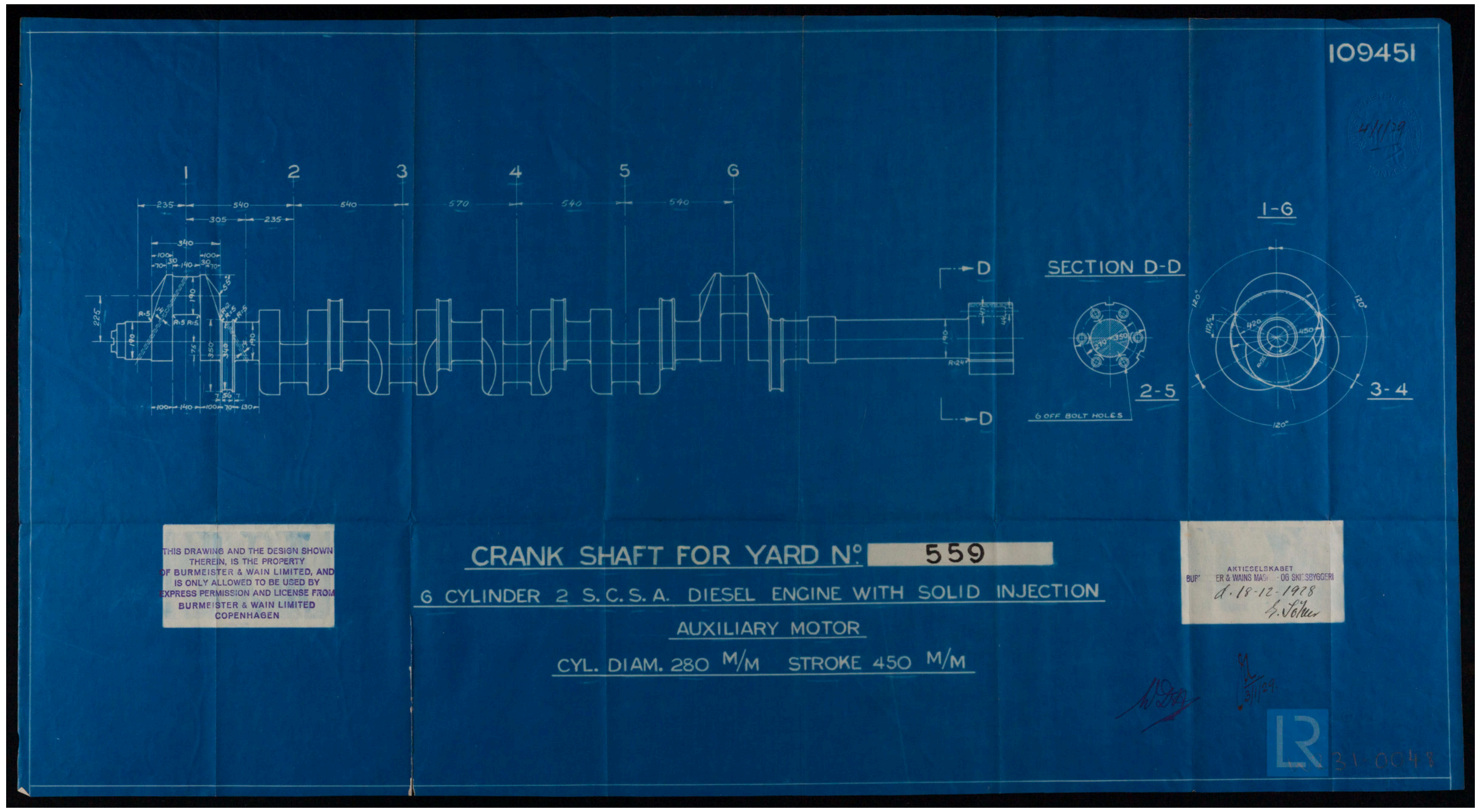
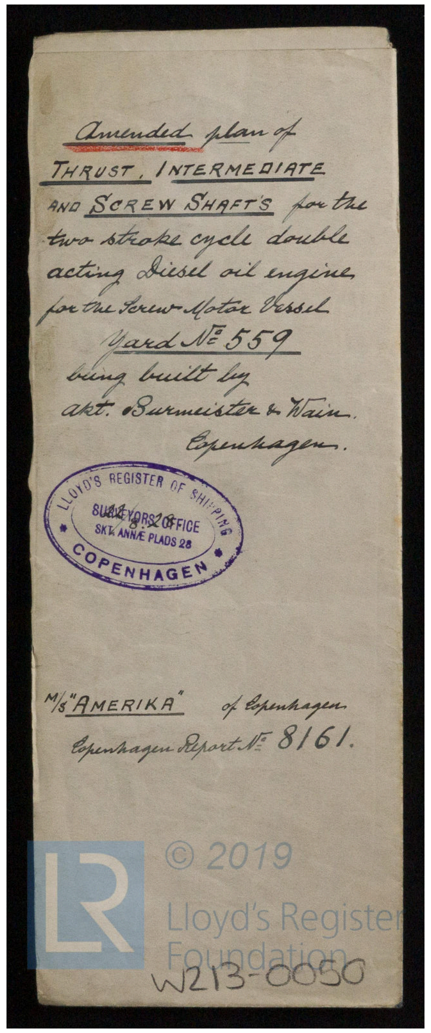
07 - cover sheet crankshaft


109451
SECTION D-D
1-6
2-5
3-4
6 OFF BOLT HOLES
THIS DRAWING AND THE DESIGN SHOWN THEREIN, IS THE PROPERTY OF BURMEISTER & WAIN LIMITED, AND IS ONLY ALLOWED TO BE USED BY EXPRESS PERMISSION AND LICENSE FROM BURMEISTER & WAIN LIMITED COPENHAGEN
CRANK SHAFT FOR YARD Nº 559
6 CYLINDER 2 S.C.S.A. DIESEL ENGINE WITH SOLID INJECTION
AUXILIARY MOTOR
CYL. DIAM. 280 M/M STROKE 450 M/M
AKTIESELSKABET BURMEISTER & WAINS MASKIN- OG SKIBSBYGGERI
d. 18-12-1928
3/1/29

08 - crankshaft



Amended plan of
THRUST, INTERMEDIATE
AND SCREW SHAFT'S for the
two stroke cycle double
acting Diesel oil engine
for the Screw Motor Vessel
Yard Nº 559
being built by
akt. Burmeister & Wain.
Copenhagen.

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11/8 28

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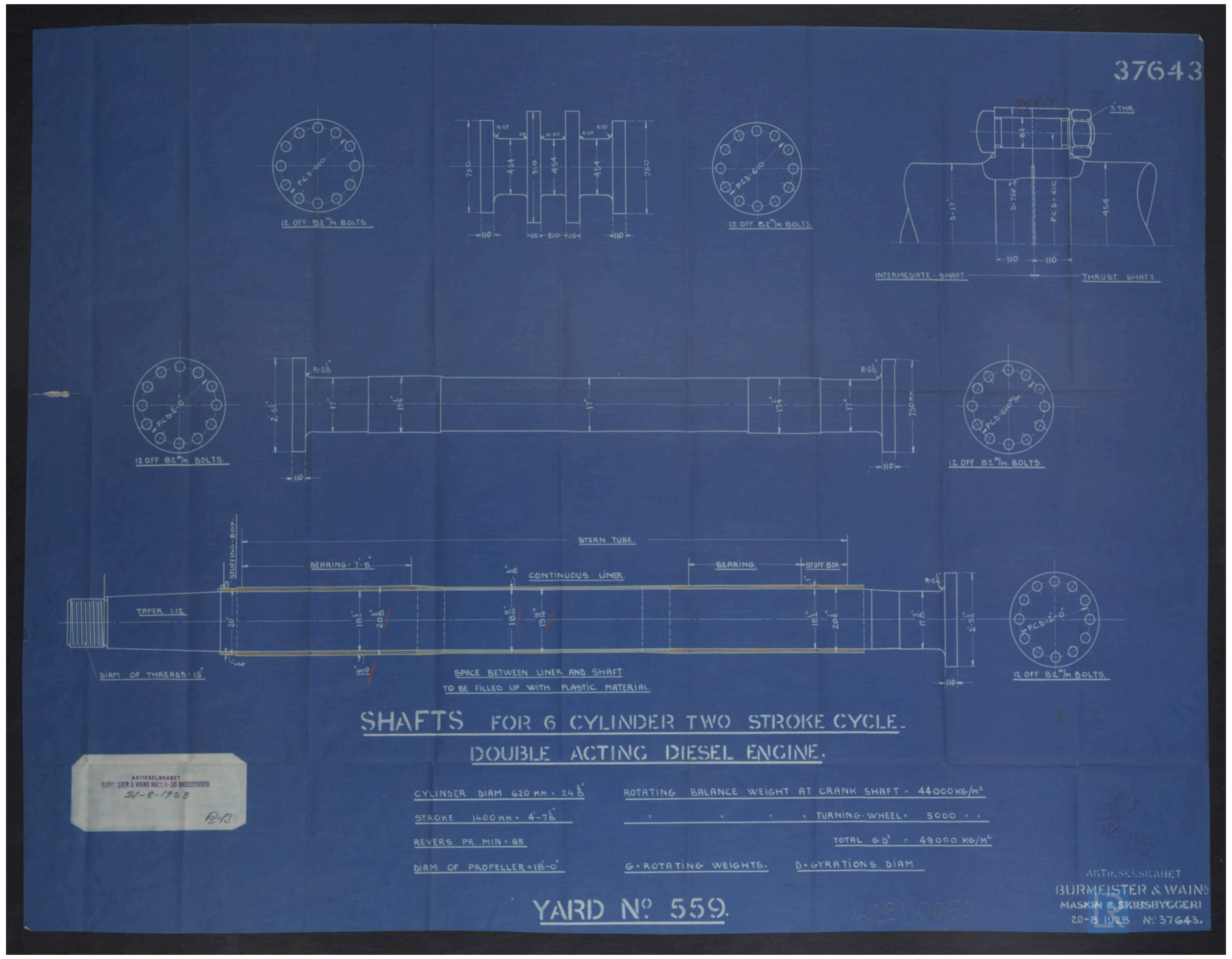
W213-0050

09 - cover sheet two stroke cycle shafts


37643
12 OFF 82 M/M BOLTS
INTERMEDIATE SHAFT
THRUST SHAFT
STERN TUBE
BEARING
CONTINUOUS LINER
TAPER 1:12
DIAM. OF THREADS = 15"
SPACE BETWEEN LINER AND SHAFT TO BE FILLED UP WITH PLASTIC MATERIAL
SHAFTS FOR 6 CYLINDER TWO STROKE CYCLE.
DOUBLE ACTING DIESEL ENGINE.
CYLINDER DIAM 620 MM = 24 3/8"
STROKE 1400 MM = 4'-7 1/8"
REVERS PR. MIN = 85
DIAM. OF PROPELLER = 18'-0"
ROTATING BALANCE WEIGHT AT CRANK SHAFT = 44000 KG/M²
TURNING-WHEEL = 5000
TOTAL G.D² = 49000 KG/M²
G = ROTATING WEIGHTS.
D = GYRATIONS DIAM.
YARD Nº 559.
AKTIESELSKABET BURMEISTER & WAINS MASKIN- OG SKIBSBYGGERI
21-8-1928
AKTIESELSKABET BURMEISTER & WAINS MASKIN & SKIBSBYGGERI 20-8-1928 Nº 37643.

10 - two stroke cycle shafts